Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)							
	Top Slab							
	CQAL LAYOUT							
	5th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	3.00	0.90		2.70	
	Ch:30.00m to 34.80m	LHS	1	4.00	0.90		3.60	
	Ch:0.00m to 30.00m	RHS	1	5.00	0.90		4.50	
	Ch:30.00m to 34.80m	RHS	1	2.00	0.90		1.80	
	2nd Main Rd							
	Ch:0.00m to 30.00m	LHS	1	4.00	0.90		3.60	
	Ch:30.00m to 60.00m	LHS	1	6.00	0.90		5.40	
	Ch:60.00m to 90.0m	LHS	1	7.00	0.90		6.30	
	Ch:90.00m to 120.0m	LHS	1	4.00	0.90		3.60	
	Ch:120.0m to 150.0m	LHS	1	3.40	0.90		3.06	
	Ch:150.0m to 180.0m	LHS	1	6.00	0.90		5.40	
	Ch:180.0m to 210.0m	LHS	1	6.00	0.90		5.40	
	Ch:210.0m to 240.0m	LHS	1	4.00	0.90		3.60	
	Ch:240.0m to 270.0m	LHS	1	6.00	0.90		5.40	
	Ch:270.0m to 300.0m	LHS	1	8.00	0.90		7.20	
	Ch: 300.0m to 330.0m	LHS	1	4.00	0.90		3.60	
	Ch:330.0m to 360.00m	LHS	1	6.00	0.90		5.40	
	Ch:360.00m to 390.00m	LHS	1	2.00	0.90		1.80	
	Ch:390.00m to 420.0m	LHS	1	5.00	0.90		4.50	
	Ch:420.0m to 450.00m	LHS	1	4.00	0.90		3.60	
	Ch:450.00m to 480.00m	LHS	1	7.00	0.90		6.30	
	Ch: 480.00m to 506.50m	LHS	1	10.00	0.90		9.00	
	Ch:0.00m to 30.00m	RHS	1	8.00	0.90		7.20	
	Ch:30.00m to 60.00m	RHS	1	6.00	0.90		5.40	
	Ch:60.00m to 90.0m	RHS	1	8.00	0.90		7.20	
	Ch:90.00m to 120.0m	RHS	1	6.00	0.90		5.40	
	Ch:120.0m to 150.0m	RHS	1	7.00	0.90		6.30	
	Ch:150.0m to 180.0m	RHS	1	6.00	0.90		5.40	
	Ch:180.0m to 210.0m	RHS	1	9.00	0.90		8.10	
	Ch:210.0m to 240.0m	RHS	1	7.00	0.90		6.30	
	Ch:240.0m to 270.0m	RHS	1	6.00	0.90		5.40	

Contractor

Asst. Engineer

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ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು
Asst. Executive Engineer,

30/7/2020

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:270.0m to 300.0m	RHS	1	8.00	0.90		7.20	
	Ch: 300.0m to 330.0m	RHS	1	7.00	0.90		6.30	
	Ch:330.0m to 360.00m	RHS	1	4.00	0.90		3.60	
	Ch:360.00m to 390.00m	RHS	1	3.00	0.90		2.70	
	Ch:390.00m to 420.0m	RHS	1	8.00	0.90		7.20	
	Ch:420.0m to 450.00m	RHS	1	6.00	0.90		5.40	
	Ch:450.00m to 480.00m	RHS	1	4.00	0.90		3.60	
	Ch: 480.00m to 506.50m	RHS	1	6.00	0.90		5.40	
	LHS							
	Cross Rd-1							
	Ch:0.0m to 29.30m	LHS	1	7.00	0.90		6.30	
	Ch:0.0m to 29.30m	RHS	1	4.00	0.90		3.60	
	RHS							
	Cross Rd-1							
	Ch:0.00m to 30.0m	LHS	1	8.00	0.90		7.20	
	Ch:30.00m to 35.50m	LHS	1	2.00	0.90		1.80	
	Ch:0.00m to 30.0m	RHS	1	7.00	0.90		6.30	
	Ch:30.00m to 35.50m	RHS	1	3.00	0.90		2.70	
	Cross Rd-2							
	Ch:0.00m to 30.00m	LHS	1	8.00	0.90		7.20	
	Ch:30.00m to 34.90m	LHS	1	4.90	0.90		4.41	
	Ch:0.00m to 30.00m	RHS	1	9.00	0.90		8.10	
	Ch:30.00m to 34.90m	RHS	1	2.50	0.90		2.25	
	Cross Rd-3							
	Ch:0.00m to 28.70m	LHS	1	5.00	0.90		4.50	
	Ch:0.00m to 28.70m	RHS	1	3.00	0.90		2.70	
	1st Cross Rd							
	Ch:0.00m to 28.40m	LHS	1	7.00	0.90		6.30	
	Ch:0.00m to 28.40m	RHS	1	10.00	0.90		9.00	
	Bottom Slab							
	5th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	2.00	1.65		3.30	
	Ch:30.00m to 34.80m	LHS	1	1.00	1.65		1.65	
	Ch:0.00m to 30.00m	RHS	1	2.00	1.65		3.30	
	Ch:30.00m to 34.80m	RHS	1	2.00	1.65		3.30	
	2nd Main Rd							
	Ch:0.00m to 30.00m	LHS	1	7.00	1.65		11.55	
	Ch:30.00m to 60.00m	LHS	1	8.00	1.65		13.20	
	Ch:60.00m to 90.0m	LHS	1	4.00	1.65		6.60	
	Ch:90.00m to 120.0m	LHS	1	8.00	1.65		13.20	
	Ch:120.0m to 150.0m	LHS	1	6.00	1.65		9.90	
	Ch:150.0m to 180.0m	LHS	1	6.00	1.65		9.90	

Contractor

Asst. Engineer

6/7/2020

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Asst. Exec. Engineer,

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:180.0m to 210.0m	LHS	1	4.00	1.65		6.60	
	Ch:210.0m to 240.0m	LHS	1	2.00	1.65		3.30	
	Ch:240.0m to 270.0m	LHS	1	3.00	1.65		4.95	
	Ch:270.0m to 300.0m	LHS	1	7.00	1.65		11.55	
	Ch: 300.0m to 330.0m	LHS	1	6.00	1.65		9.90	
	Ch:330.0m to 360.00m	LHS	1	6.00	1.65		9.90	
	Ch:360.00m to 390.00m	LHS	1	8.00	1.65		13.20	
	Ch:390.00m to 420.0m	LHS	1	6.00	1.65		9.90	
	Ch:420.0m to 450.00m	LHS	1	4.00	1.65		6.60	
	Ch:450.00m to 480.00m	LHS	1	7.00	1.65		11.55	
	Ch: 480.00m to 506.50m	LHS	1	6.00	1.65		9.90	
	Ch:0.00m to 30.00m	RHS	1	8.00	1.65		13.20	
	Ch:30.00m to 60.00m	RHS	1	6.00	1.65		9.90	
	Ch:60.00m to 90.0m	RHS	1	10.00	1.65		16.50	
	Ch:90.00m to 120.0m	RHS	1	4.00	1.65		6.60	
	Ch:120.0m to 150.0m	RHS	1	7.00	1.65		11.55	
	Ch:150.0m to 180.0m	RHS	1	7.00	1.65		11.55	
	Ch:180.0m to 210.0m	RHS	1	9.00	1.65		14.85	
	Ch:210.0m to 240.0m	RHS	1	7.00	1.65		11.55	
	Ch:240.0m to 270.0m	RHS	1	6.00	1.65		9.90	
	Ch:270.0m to 300.0m	RHS	1	3.00	1.65		4.95	
	Ch: 300.0m to 330.0m	RHS	1	7.00	1.65		11.55	
	Ch:330.0m to 360.00m	RHS	1	5.00	1.65		8.25	
	Ch:360.00m to 390.00m	RHS	1	3.00	1.65		4.95	
	Ch:390.00m to 420.0m	RHS	1	8.00	1.65		13.20	
	Ch:420.0m to 450.00m	RHS	1	6.00	1.65		9.90	
	Ch:450.00m to 480.00m	RHS	1	4.00	1.65		6.60	
	Ch: 480.00m to 506.50m	RHS	1	3.00	1.65		4.95	
	LHS							
	Cross Rd-1							
	Ch:0.0m to 29.30m	LHS	1	4.00	1.65		6.60	
	Ch:0.0m to 29.30m	RHS	1	6.00	1.65		9.90	
	RHS							
	Cross Rd-1							
	Ch:0.00m to 30.0m	LHS	1	6.00	1.65		9.90	
	Ch:30.00m to 35.50m	LHS	1	3.00	1.65		4.95	
	Ch:0.00m to 30.0m	RHS	1	8.00	1.65		13.20	
	Ch:30.00m to 35.50m	RHS	1	2.00	1.65		3.30	
	Cross Rd-2							
	Ch:0.00m to 30.00m	LHS	1	3.00	1.65		4.95	
	Ch:30.00m to 34.90m	LHS	1	2.00	1.65		3.30	
	Ch:0.00m to 30.00m	RHS	1	6.00	1.65		9.90	

Contractor

Asst. Engineer

30/7/2020

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Asst. Exec. Engineer,

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:30.00m to 34.90m	RHS	1	2.00	1.65		3.30	
	Cross Rd-3							
	Ch:0.00m to 28.70m	LHS	1	5.00	1.65		8.25	
	Ch:0.00m to 28.70m	RHS	1	5.00	1.65		8.25	
	1st Cross Rd							
	Ch:0.00m to 28.40m	LHS	1	7.00	1.65		11.55	
	Ch:0.00m to 28.40m	RHS	1	10.00	1.65		16.50	
						Present Qty	**723.27**	**Sqm**

Contractor

Asst. Engineer

3/7/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು/Engineer,

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)							
	CQAL LAYOUT							
	5th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 34.80m	LHS	1	4.80	0.40	0.40	0.77	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 34.80m	RHS	1	4.80	0.40	0.40	0.77	
	2nd Main Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 60.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:60.00m to 90.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:90.00m to 120.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:120.0m to 150.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:150.0m to 180.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:180.0m to 210.0m	LHS	1	10.00	0.40	0.40	1.60	
	Ch:210.0m to 240.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:240.0m to 270.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:270.0m to 300.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch: 300.0m to 330.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:330.0m to 360.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:360.00m to 390.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:390.00m to 420.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:420.0m to 450.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:450.00m to 480.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch: 480.00m to 506.50m	LHS	1	26.50	0.40	0.40	4.24	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 60.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:60.00m to 90.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:90.00m to 120.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:120.0m to 150.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:150.0m to 180.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:180.0m to 210.0m	RHS	1	10.00	0.40	0.40	1.60	
	Ch:210.0m to 240.0m	RHS	1	30.00	0.40	0.40	4.80	

Contractor

Asst. Engineer

14/8/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst. Exec. Engineer

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:240.0m to 270.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:270.0m to 300.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch: 300.0m to 330.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:330.0m to 360.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:360.00m to 390.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:390.00m to 420.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:420.0m to 450.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:450.00m to 480.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch: 480.00m to 506.50m	RHS	1	26.50	0.40	0.40	4.24	
	LHS							
	Cross Rd-1							
	Ch:0.0m to 29.30m	LHS	1	29.30	0.40	0.40	4.69	
	Ch:0.0m to 29.30m	RHS	1	29.30	0.40	0.40	4.69	
	RHS							
	Cross Rd-1							
	Ch:0.00m to 30.0m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 35.50m	LHS	1	5.50	0.40	0.40	0.88	
	Ch:0.00m to 30.0m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 35.50m	RHS	1	5.50	0.40	0.40	0.88	
	Cross Rd-2							
	Ch:0.00m to 30.00m	LHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 34.90m	LHS	1	4.90	0.40	0.40	0.78	
	Ch:0.00m to 30.00m	RHS	1	30.00	0.40	0.40	4.80	
	Ch:30.00m to 34.90m	RHS	1	4.90	0.40	0.40	0.78	
	Cross Rd-3							
	Ch:0.00m to 28.70m	LHS	1	28.70	0.40	0.40	4.59	
	Ch:0.00m to 28.70m	RHS	1	28.70	0.40	0.40	4.59	
	1st Cross Rd							
	Ch:0.00m to 28.40m	LHS	1	28.40	0.40	0.40	4.54	
	Ch:0.00m to 28.40m	RHS	1	28.40	0.40	0.40	4.54	
						Present Qty	**216.99**	**Cum**

Contractor

Asst. Engineer

14/8/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
Asst. Exec. Engineer,

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick (P.No.27,I.No.5.31.1 of PW, P&IWTD SR 2018-19							
	Missing /Damaged							
	Bottom Slab							
	5th Cross Rd							
	Ch:0.00m to 30.00m	LHS	1	6.00	1.65		9.90	
	Ch:30.00m to 34.80m	LHS	1	3.00	1.65		4.95	
	Ch:0.00m to 30.00m	RHS	1	8.00	1.65		13.20	
	Ch:30.00m to 34.80m	RHS	1	2.00	1.65		3.30	
	2nd Main Rd							
	Ch:0.00m to 30.00m	LHS	1	7.00	1.65		11.55	
	Ch:30.00m to 60.00m	LHS	1	4.00	1.65		6.60	
	Ch:60.00m to 90.0m	LHS	1	2.00	1.65		3.30	
	Ch:90.00m to 120.0m	LHS	1	4.00	1.65		6.60	
	Ch:120.0m to 150.0m	LHS	1	9.00	1.65		14.85	
	Ch:150.0m to 180.0m	LHS	1	6.00	1.65		9.90	
	Ch:180.0m to 210.0m	LHS	1	4.00	1.65		6.60	
	Ch:210.0m to 240.0m	LHS	1	6.00	1.65		9.90	
	Ch:240.0m to 270.0m	LHS	1	4.00	1.65		6.60	
	Ch:270.0m to 300.0m	LHS	1	3.00	1.65		4.95	
	Ch: 300.0m to 330.0m	LHS	1	4.00	1.65		6.60	
	Ch:330.0m to 360.00m	LHS	1	3.00	1.65		4.95	
	Ch:360.00m to 390.00m	LHS	1	7.00	1.65		11.55	
	Ch:390.00m to 420.0m	LHS	1	6.00	1.65		9.90	
	Ch:420.0m to 450.00m	LHS	1	9.00	1.65		14.85	
	Ch:450.00m to 480.00m	LHS	1	7.00	1.65		11.55	
	Ch: 480.00m to 506.50m	LHS	1	6.00	1.65		9.90	
	Ch:0.00m to 30.00m	RHS	1	8.00	1.65		13.20	
	Ch:30.00m to 60.00m	RHS	1	6.00	1.65		9.90	
	Ch:60.00m to 90.0m	RHS	1	4.00	1.65		6.60	
	Ch:90.00m to 120.0m	RHS	1	1.90	1.65		3.14	
	Ch:120.0m to 150.0m	RHS	1	10.00	1.65		16.50	
	Ch:150.0m to 180.0m	RHS	1	6.00	1.65		9.90	
	Ch:180.0m to 210.0m	RHS	1	9.00	1.65		14.85	
	Ch:210.0m to 240.0m	RHS	1	7.00	1.65		11.55	
	Ch:240.0m to 270.0m	RHS	1	6.00	1.65		9.90	

Contractor

Asst. Engineer

20/8/2020

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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Asst. Exec. Engineer,

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:270.0m to 300.0m	RHS	1	3.00	1.65		4.95	
	Ch: 300.0m to 330.0m	RHS	1	7.00	1.65		11.55	
	Ch:330.0m to 360.00m	RHS	1	5.00	1.65		8.25	
	Ch:360.00m to 390.00m	RHS	1	6.00	1.65		9.90	
	Ch:390.00m to 420.0m	RHS	1	6.00	1.65		9.90	
	Ch:420.0m to 450.00m	RHS	1	3.00	1.65		4.95	
	Ch:450.00m to 480.00m	RHS	1	8.00	1.65		13.20	
	Ch: 480.00m to 506.50m	RHS	1	2.00	1.65		3.30	
	LHS							
	Cross Rd-1							
	Ch:0.0m to 29.30m	LHS	1	7.00	1.65		11.55	
	Ch:0.0m to 29.30m	RHS	1	5.00	1.65		8.25	
	RHS							
	Cross Rd-1							
	Ch:0.00m to 30.0m	LHS	1	4.00	1.65		6.60	
	Ch:30.00m to 35.50m	LHS	1	6.00	1.65		9.90	
	Ch:0.00m to 30.0m	RHS	1	2.00	1.65		3.30	
	Ch:30.00m to 35.50m	RHS	1	7.00	1.65		11.55	
	Cross Rd-2							
	Ch:0.00m to 30.00m	LHS	1	4.00	1.65		6.60	
	Ch:30.00m to 34.90m	LHS	1	6.00	1.65		9.90	
	Ch:0.00m to 30.00m	RHS	1	6.00	1.65		9.90	
	Ch:30.00m to 34.90m	RHS	1	2.00	1.65		3.30	
	Cross Rd-3							
	Ch:0.00m to 28.70m	LHS	1	5.00	1.65		8.25	
	Ch:0.00m to 28.70m	RHS	1	5.00	1.65		8.25	
	1st Cross Rd							
	Ch:0.00m to 28.40m	LHS	1	3.00	1.65		4.95	
	Ch:0.00m to 28.40m	RHS	1	4.00	1.65		6.60	
						Present Qty	**451.94**	**Sqm**

Contractor

Asst. Engineer

20/8/2020

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Asst. Exec. Engineer
ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:390.00m to 420.0m	1	30.00	(0.70 + 1.00)/2	0.20	5.10	
	Ch:420.0m to 450.00m	1	30.00	(1.00 + 0.80)/2	0.20	5.40	
	Ch:450.00m to 480.00m	1	30.00	(0.80 + 0.60)/2	0.20	4.20	
	Ch: 480.00m to 506.50m	1	26.50	(0.60 + 0.70)/2	0.20	3.45	
	LHS						
	Cross Rd-1						
	Ch:0.0m to 29.30m	1	29.30	(0.80 + 0.85)/2	0.20	4.83	
	RHS						
	Cross Rd-1						
	Ch:0.00m to 30.0m	1	30.00	(0.90 + 0.70)/2	0.20	4.80	
	Ch:30.00m to 35.50m	1	5.50	(0.70 + 0.60)/2	0.20	0.72	
	Cross Rd-2						
	Ch:0.00m to 30.00m	1	30.00	(0.70 + 0.65)/2	0.20	4.05	
	Ch:30.00m to 34.90m	1	4.90	(0.65 + 0.90)/2	0.20	0.76	
	Cross Rd-3						
	Ch:0.00m to 28.70m	1	28.70	(0.80 + 0.75)/2	0.20	4.45	
	1st cross						
	Ch:0.00m to 28.40m	1	28.40	(0.70 + 0.90)/2	0.20	4.54	
					Present Qty	**118.81**	**Cum**

Contractor

Asst. Engineer

24/8/2020

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Asst. Exec. Engineer,

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications						
	Asphalt Road						
	CQAL LAYOUT						
	5th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 0.80)/2	0.15	4.05	
	Ch:30.00m to 34.80m	1	4.80	(0.80 + 1.10)/2	0.15	0.68	
	2nd Main Rd						
	Ch:0.00m to 30.00m	1	30.00	(0.90 + 1.00)/2	0.15	4.28	
	Ch:30.00m to 60.00m	1	30.00	(1.00 + 0.90)/2	0.15	4.28	
	Ch:60.00m to 90.0m	1	30.00	(0.90 + 1.00)/2	0.15	4.28	
	Ch:90.00m to 120.0m	1	30.00	(1.00 + 0.90)/2	0.15	4.28	
	Ch:120.0m to 150.0m	1	30.00	(0.90 + 1.00)/2	0.15	4.28	
	Ch:150.0m to 180.0m	1	30.00	(1.00 + 1.00)/2	0.15	4.50	
	Ch:180.0m to 210.0m	1	30.00	(0.90 + 1.00)/2	0.15	4.28	
	Ch:210.0m to 240.0m	1	30.00	(1.00 + 0.95)/2	0.15	4.39	
	Ch:240.0m to 270.0m	1	30.00	(0.95 + 0.80)/2	0.15	3.94	
	Ch:270.0m to 300.0m	1	30.00	(0.80 + 0.70)/2	0.15	3.38	
	Ch: 300.0m to 330.0m	1	30.00	(0.70 + 0.90)/2	0.15	3.60	
	Ch:330.0m to 360.00m	1	30.00	(0.90 + 0.80)/2	0.15	3.83	

Contractor

Asst. Engineer

4/9/2020

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Asst. Exec. Engineer,

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen						
	Asphalt Road						
	Profile Correction						
	CQAL LAYOUT						
	5th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.20 + 1.50)/2	0.05	2.03	
	Ch:30.00m to 34.80m	1	4.80	(1.20 + 1.30)/2	0.05	0.30	
	2nd Main Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.30 + 1.35)/2	0.05	1.99	
	Ch:30.00m to 60.00m	1	30.00	(1.35 + 1.40)/2	0.05	2.06	
	Ch:60.00m to 90.0m	1	30.00	(1.40 + 1.35)/2	0.05	2.06	
	Ch:90.00m to 120.0m	1	30.00	(1.30 + 1.60)/2	0.05	2.18	
	Ch:120.0m to 150.0m	1	30.00	(1.70 + 1.90)/2	0.05	2.70	
	Ch:150.0m to 180.0m	1	30.00	(1.90 + 1.60)/2	0.05	2.63	
	Ch:180.0m to 210.0m	1	30.00	(1.70 + 1.60)/2	0.05	2.48	
	Ch:210.0m to 240.0m	1	30.00	(1.20 + 1.45)/2	0.05	1.99	
	Ch:240.0m to 270.0m	1	30.00	(1.40 + 1.50)/2	0.05	2.18	
	Ch:270.0m to 300.0m	1	30.00	(1.50 + 1.40)/2	0.05	2.18	
	Ch: 300.0m to 330.0m	1	30.00	(1.40 + 1.30)/2	0.05	2.03	

Contractor Consultant Asst. Engineer

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Asst. Exec. Engineer,
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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:330.0m to 360.00m	1	30.00	(1.30 + 1.85)/2	0.05	2.36	
	Ch:360.00m to 390.00m	1	30.00	(1.30 + 1.50)/2	0.05	2.10	
	Ch:390.00m to 420.0m	1	30.00	(1.30 + 1.50)/2	0.05	2.10	
	Ch:420.0m to 450.00m	1	30.00	(1.60 + 1.40)/2	0.05	2.25	
	Ch:450.00m to 480.00m	1	30.00	(1.40 + 1.30)/2	0.05	2.03	
	Ch: 480.00m to 506.50m	1	26.50	(1.30 + 1.50)/2	0.05	1.86	
	LHS						
	Cross Rd-1						
	Ch:0.0m to 29.30m	1	29.30	(1.30 + 1.20)/2	0.05	1.83	
	RHS						
	Cross Rd-1						
	Ch:0.00m to 30.0m	1	30.00	(1.30 + 1.40)/2	0.05	2.03	
	Ch:30.00m to 35.50m	1	5.50	(1.40 + 1.35)/2	0.05	0.38	
	Cross Rd-2						
	Ch:0.00m to 30.00m	1	30.00	(1.20 + 1.30)/2	0.05	1.88	
	Ch:30.00m to 34.90m	1	4.90	(1.30 + 1.20)/2	0.05	0.31	
	Cross Rd-3						
	Ch:0.00m to 28.70m	1	28.70	(1.20 + 1.30)/2	0.05	1.79	
	1st cross						
	Ch:0.00m to 28.40m	1	28.40	(1.30 + 1.00)/2	0.05	1.63	
					Present Qty	**49.31**	**Cum**

Contractor Consultant Asst. Engineer

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Asst. Exec. Engineer.
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Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.						
	Asphalt Road						
	CQAL LAYOUT						
	5th Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(6.00 + 5.80)/2		177.00	
	Ch:30.00m to 34.80m	1	4.80	(5.80 + 5.80)/2		27.84	
	2nd Main Rd						
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.90)/2		145.50	
	Ch:30.00m to 60.00m	1	30.00	(4.90 + 4.90)/2		147.00	
	Ch:60.00m to 90.0m	1	30.00	(4.90 + 4.70)/2		144.00	
	Ch:90.00m to 120.0m	1	30.00	(4.70 + 4.50)/2		138.00	
	Ch:120.0m to 150.0m	1	30.00	(4.50 + 5.55)/2		150.75	
	Ch:150.0m to 180.0m	1	30.00	(5.55 + 4.60)/2		152.25	
	Ch:180.0m to 210.0m	1	30.00	(4.60 + 4.80)/2		141.00	
	Ch:210.0m to 240.0m	1	30.00	(4.80 + 4.80)/2		144.00	
	Ch:240.0m to 270.0m	1	30.00	(4.80 + 4.90)/2		145.50	
	Ch:270.0m to 300.0m	1	30.00	(4.90 + 4.80)/2		145.50	
	Ch: 300.0m to 330.0m	1	30.00	(4.80 + 4.90)/2		145.50	

Contractor

Asst. Engineer

23/9/2020

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Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:330.0m to 360.00m	1	30.00	$\frac{4.90 + 4.50}{2}$		141.00	
	Ch:360.00m to 390.00m	1	30.00	$\frac{5.80 + 4.80}{2}$		159.00	
	Ch:390.00m to 420.0m	1	30.00	$\frac{4.80 + 5.20}{2}$		150.00	
	Ch:420.0m to 450.00m	1	30.00	$\frac{5.20 + 4.60}{2}$		147.00	
	Ch:450.00m to 480.00m	1	30.00	$\frac{4.60 + 4.50}{2}$		136.50	
	Ch: 480.00m to 506.50m	1	26.50	$\frac{4.50 + 5.80}{2}$		136.48	
	LHS						
	Cross Rd-1						
	Ch:0.0m to 29.30m	1	29.30	$\frac{5.80 + 5.30}{2}$		162.62	
	RHS						
	Cross Rd-1						
	Ch:0.00m to 30.0m	1	30.00	$\frac{9.30 + 6.70}{2}$		240.00	
	Ch:30.00m to 35.50m	1	5.50	$\frac{6.70 + 6.70}{2}$		36.85	
	Cross Rd-2						
	Ch:0.00m to 30.00m	1	30.00	$\frac{6.70 + 5.30}{2}$		180.00	
	Ch:30.00m to 34.90m	1	4.90	$\frac{5.30 + 5.40}{2}$		26.22	
	Cross Rd-3						
	Ch:0.00m to 28.70m	1	28.70	$\frac{6.00 + 6.90}{2}$		185.12	
	1st cross						
	Ch:0.00m to 28.40m	1	28.40	$\frac{4.60 + 4.60}{2}$		130.64	
					Present Qty	**3635.25**	**Sqm**

Contractor

Asst. Engineer

22/9/2020

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Asst. Exec. Engineer,

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)									
	Vide Premeasurement Page no.						723.27			
							Present Qty 723.27	Sqm	95.35	68964.00
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.									
	Vide Premeasurement Page no.						216.99			
							Present Qty 216.99	Cum	184.43	40020.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick									
	Vide Premeasurement Page no.						451.94			
							Present Qty 451.94	Sqm	635.67	287282.00
4	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.									
	Vide Premeasurement Page no.						118.81			
							Present Qty 118.81	Cum	54.78	6509.00
5	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications									
	Vide Premeasurement Page no.						89.11			
							Present Qty 89.11	Cum	1709.05	152288.00

Contractor

Asst. Engineer

23/9/2020

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Asst. Exec. Engineer.

	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.									
	Vide Premeasurement Page no.						118.95			
						Present Qty	**118.95**	**Cum**	**1714.50**	**203944.00**
7	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.									
	Vide Premeasurement Page no.						990.70			
						Present Qty	**990.70**	**Sqm**	**24.52**	**24292.00**
8	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen									
	Vide Premeasurement Page no.						49.31			
						Present Qty	**49.31**	**Cum**	**5652.03**	**278701.00**
9	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.									
	Vide Premeasurement Page no.						3635.25			
						Present Qty	**3635.25**	**Sqm**	**10.90**	**39625.00**

Contractor

Asst. Engineer

23/9/2020

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Asst. Exec. Engineer,
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Name of Work: **Improvements to Cross roads at CQAL LAYOUT in ward no 03**

Detailed Measurements

Measurement Recorded On:

Sl No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)								
	Asphalt Road								
	CQAL LAYOUT								
	5th Cross Rd								
	Ch:0.00m to 30.00m	1	30.00	$\frac{6.00 + 5.80}{2}$	0.03	5.31			
	Ch:30.00m to 34.80m	1	4.80	$\frac{5.80 + 5.80}{2}$	0.03	0.84			
	2nd Main Rd								
	Ch:0.00m to 30.00m	1	30.00	$\frac{4.80 + 4.90}{2}$	0.03	4.37			
	Ch:30.00m to 60.00m	1	30.00	$\frac{4.90 + 4.90}{2}$	0.03	4.41			
	Ch:60.00m to 90.0m	1	30.00	$\frac{4.90 + 4.70}{2}$	0.03	4.32			
	Ch:90.00m to 120.0m	1	30.00	$\frac{4.70 + 4.50}{2}$	0.03	4.14			
	Ch:120.0m to 150.0m	1	30.00	$\frac{4.50 + 5.55}{2}$	0.03	4.52			
	Ch:150.0m to 180.0m	1	30.00	$\frac{5.55 + 4.60}{2}$	0.03	4.57			
	Ch:180.0m to 210.0m	1	30.00	$\frac{4.60 + 4.80}{2}$	0.03	4.23			
	Ch:210.0m to 240.0m	1	30.00	$\frac{4.80 + 4.80}{2}$	0.03	4.32			
	Ch:240.0m to 270.0m	1	30.00	$\frac{4.80 + 4.90}{2}$	0.03	4.37			

Contractor

Asst. Engineer

Dt. 25/9/2020

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:270.0m to 300.0m	1	30.00	(4.90 + 4.80)/2	0.03	4.37			
	Ch: 300.0m to 330.0m	1	30.00	(4.80 + 4.90)/2	0.03	4.37			
	Ch:330.0m to 360.00m	1	30.00	(4.90 + 4.50)/2	0.03	4.23			
	Ch:360.00m to 390.00m	1	30.00	(4.80 + 4.80)/2	0.03	4.77			
	Ch:390.00m to 420.0m	1	30.00	(4.80 + 5.20)/2	0.03	4.50			
	Ch:420.0m to 450.00m	1	30.00	(5.20 + 4.60)/2	0.03	4.41			
	Ch:450.00m to 480.00m	1	30.00	(4.60 + 4.50)/2	0.03	4.10			
	Ch: 480.00m to 506.50m	1	26.50	(4.50 + 5.80)/2	0.03	4.09			
	LHS								
	Cross Rd-1								
	Ch:0.0m to 29.30m	1	29.30	(5.80 + 5.30)/2	0.03	4.88			
	RHS								
	Cross Rd-1								
	Ch:0.00m to 30.0m	1	30.00	(9.30 + 6.70)/2	0.03	7.20			
	Ch:30.00m to 35.50m	1	5.50	(6.70 + 6.70)/2	0.03	1.11			
	Cross Rd-2								
	Ch:0.00m to 30.00m	1	30.00	(6.70 + 5.30)/2	0.03	5.40			
	Ch:30.00m to 34.90m	1	4.90	(5.30 + 5.40)/2	0.03	0.79			
	Cross Rd-3								
	Ch:0.00m to 28.70m	1	28.70	(6.00 + 6.90)/2	0.03	5.55			
	1st cross								
	Ch:0.00m to 28.40m	1	28.40	(4.60 + 4.60)/2	0.03	3.92			
				Present Qty		109.06	Cum	6642.77	724444.00

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as								
	Asphalt Road								
	CQAL LAYOUT								
	5th Cross Rd								
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:30.00m to 34.80m	2	4.80	(0.10 + 0.10)/2		0.96			
	2nd Main Rd								
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:30.00m to 60.00m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:60.00m to 90.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:90.00m to 120.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:120.0m to 150.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:150.0m to 180.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:180.0m to 210.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:210.0m to 240.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:240.0m to 270.0m	2	30.00	(0.10 + 0.10)/2		6.00			
	Ch:270.0m to 300.0m	2	30.00	(0.10 + 0.10)/2		6.00			

CQAL

Contractor

Asst. Engineer

25/9/2020

Asst. Exec. Engineer,

	Ch: 300.0m to 330.0m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:330.0m to 360.00m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:360.00m to 390.00m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:390.00m to 420.0m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:420.0m to 450.00m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:450.00m to 480.00m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch: 480.00m to 506.50m	2	26.50	0.10 + 0.10 / 2		5.30			
	LHS								
	Cross Rd-1								
	Ch:0.0m to 29.30m	2	29.30	0.10 + 0.10 / 2		0.18			
	RHS								
	Cross Rd-1								
	Ch:0.00m to 30.0m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:30.00m to 35.50m	2	5.50	0.10 + 0.10 / 2		1.10			
	Cross Rd-2								
	Ch:0.00m to 30.00m	2	30.00	0.10 + 0.10 / 2		6.00			
	Ch:30.00m to 34.90m	2	4.90	0.10 + 0.10 / 2		0.98			
	Cross Rd-3								
	Ch:0.00m to 28.70m	2	28.70	0.10 + 0.10 / 2		5.74			
	1st cross								
	Ch:0.00m to 28.40m	2	28.40	0.10 + 0.10 / 2		5.68			
					Present Qty	**133.94**	**Sqm**	**389.58**	**52179.00**

Asst. Engineer

25/9/2020

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬೆಂಗಳೂರು.
ಜಿ.ಬಿ.ಎ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-10

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
12	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and								
	CQAL LAYOUT								
	5th Cross Rd								
	Ch:0.00m to 30.00m	2	3.00			6.00			
	Ch:30.00m to 34.80m	2	1.00			2.00			
	2nd Main Rd								
	Ch:0.00m to 30.00m	2	3.00			6.00			
	Ch:30.00m to 60.00m	2	3.00			6.00			
	Ch:60.00m to 90.0m	2	3.00			6.00			
	Ch:90.00m to 120.0m	2	3.00			6.00			
	Ch:120.0m to 150.0m	2	3.00			6.00			
	Ch:150.0m to 180.0m	2	2.00			4.00			
	Ch:180.0m to 210.0m	2	2.00			4.00			
	Ch:210.0m to 240.0m	2	2.00			4.00			
	Ch:240.0m to 270.0m	2	2.00			4.00			
	Ch:270.0m to 300.0m	2	2.00			4.00			
	Ch: 300.0m to 330.0m	2	2.00			4.00			
	Ch:330.0m to 360.00m	2	3.00			6.00			
	Ch:360.00m to 390.00m	2	3.00			6.00			
	Ch:390.00m to 420.0m	2	3.00			6.00			
	Ch:420.0m to 450.00m	2	3.00			6.00			
	Ch:450.00m to 480.00m	2	3.00			6.00			
	Ch: 480.00m to 506.50m	2	2.00			4.00			
	1st Cross Rd								
	Ch:0.0m to 29.30m	2	2.00			4.00			
					Present Qty	**100.00**	**Nos**	**306.03**	**30603.00**
						Total			**1908851.00**
						GST 12%			**229062.12**
						Grand Total			**2137913.12**

Contractor

Asst. Engineer

29/9/2020

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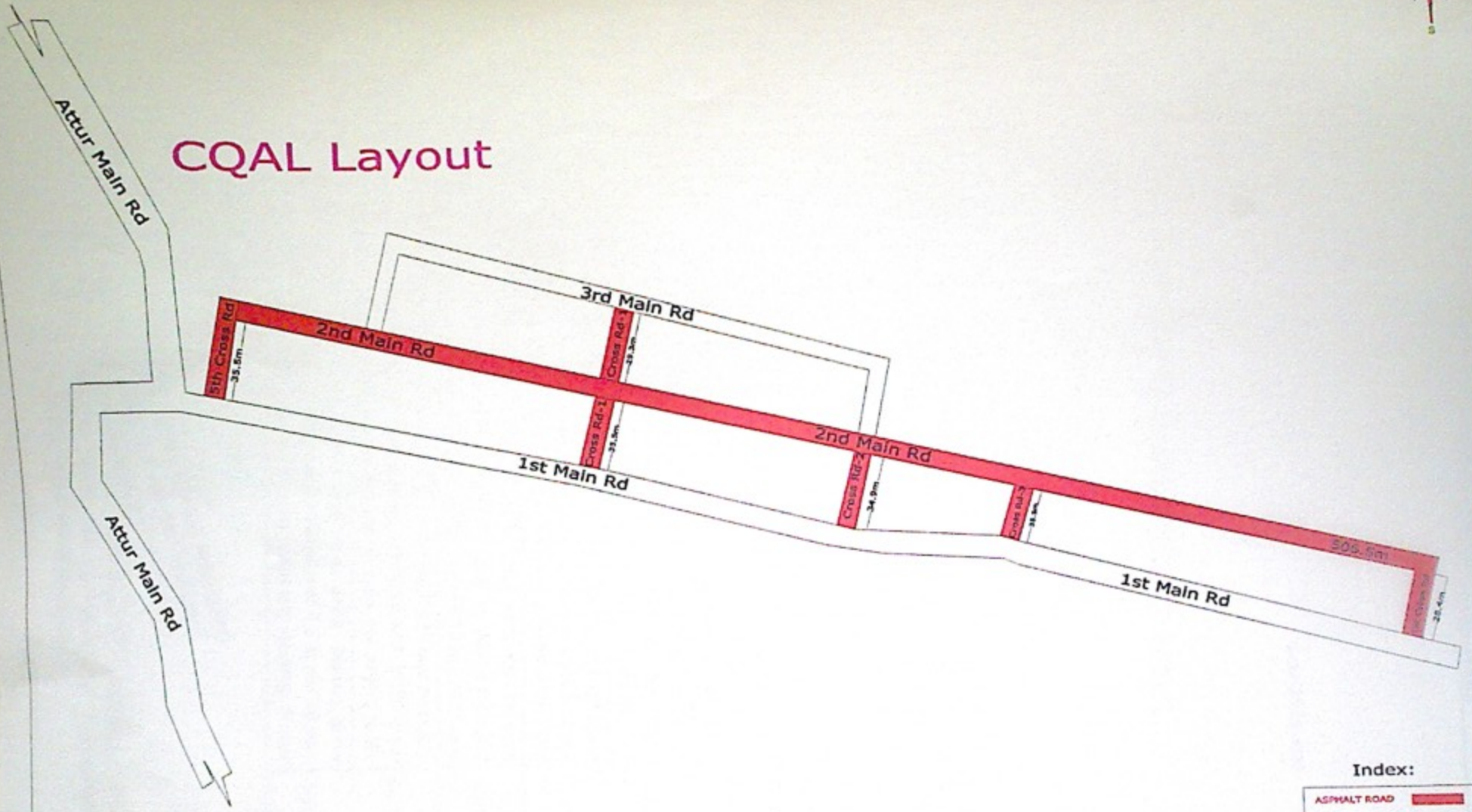
ಯಲಹಂಕ ಉಪವಿಭಾಗ / Asst. Exec. Engineer,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Name of Work: Improvements to Cross roads at CQAL Layout in Ward No. 33.

CQAL Layout



CLIENT:
BRUHAT BANGALORE MAHANAGARA PALIKE

Assistant Engineer

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
29/9/2020

Executive Engineer

Date
Dwg No:
Rev. NO